

Application No. 09/735,443
Amendment "A" dated August 27, 2004
Reply to Office Action mailed February 27, 2004

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for sending and receiving content from at least one server connected to a network, the system comprising:

an a first access device of a first type connected to said network, the first access device including an interface having a touchpad with a plurality of numbered keys that, when selected by a user, cause the first access device to generate a signal;

a voice browser that converts the signal received from the first access device into a request for specified classes of information from the at least one server;

a second access device of a second type connected to said network, the second access device including an interface having an icon group arranged similarly to the touchpad, wherein an icon of the icon group, when selected by the user, causes the second access device to request specified classes of information from the at least one server; and

~~an input device presenting to a user an interface including a numeric touchpad, the numeric touchpad having a plurality of numbered keys that, when selected by the user, cause the access device to request specified classes of information from the at least one server;~~

~~a computer-readable medium having stored thereon computer-executable instructions for configuring the plurality of keys by associating the specified classes of~~

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information with particular keys of the plurality of keys and with particular icons of the icon group.

2. (Currently Amended) A system as recited in claim 1, wherein the first access device ~~input device~~ comprises a display device on which the user interface is displayed.

3. (Currently Amended) A system as recited in claim 1, wherein the request for the specified classes of information is received by a server that services the request for the specified classes of information. ~~2, wherein the numeric touchpad comprises a graphically displayed representation of a configuration generally similar to a touchpad of a touchtone telephone.~~

4. (Currently Amended) A system as recited in claim 1, wherein the numeric touchpad comprises an alphanumeric touchpad.

5. (Currently Amended) A system as recited in claim 1, wherein the input first access device comprises a touchtone telephone including a numeric touchpad of a touchtone telephone, and wherein the second access device comprises a computer.

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6. (Currently Amended) A system for sending and receiving content from at least one server connected to a network, the system comprising:

an a first access device of a first type connected to said network, the first access device including: an input device presenting to a user

an interface including a numeric touchpad, the numeric touchpad having a plurality of numbered keys that, when selected by the user, cause the access device to generate a signal associated with request-specified classes of information from the at least one server; and

an output device for outputting the specified classes of information that the access device receives; and

a voice browser that converts the signal generated by the first access device into a request for the specified classes of information from the at least one server;

a second access device of a second type connected to said network, the second access device having an icon group arranged similarly to the numeric touchpad of the first access device, wherein an icon of the icon group, when selected by the user, causes the second access device to request the specified classes of information from the at least one server; and

a computer-readable medium having stored thereon computer-executable instructions for configuring the plurality of keys by associating the specified classes of information with particular keys of the plurality of keys and with particular icons of the icon group.

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7. (Currently Amended) A system as recited in claim 6, wherein the interface of the ~~input~~ first access device comprises a display device, wherein the display device is capable of displaying the numeric touchpad.

8. (Original) A system as recited in claim 6, wherein the numeric touchpad is generated by the at least one server.

9. (Original) A system as recited in claim 6, wherein the output device comprises a video display device.

10. (Original) A system as recited in claim 6, wherein the output device comprises an audio speaker device.

11. (Currently Amended) A system as recited in claim 6, wherein the second access device comprises a computer system.

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12. (Currently Amended) In an access device connected to a network by a communication link, ~~wherein the network includes a communication link to at least one server,~~ a method of providing the access device with access to information stored at the at least one server in response to selection of keys of a numeric touchpad included in an interface of an input device associated with the access device, the method comprising ~~the acts of:~~

displaying an interface to a user on a display device associated with the access device, the interface including a representation of a first numeric touchpad having a configuration that is generally similar to the configuration of a second numeric touchpad included on a telephone associated with the network, the second numeric touchpad causing the telephone to transmit a request to the server for a specified class of information in response to selection of a particular key on the second numeric touchpad;

at the access device, receiving input in response to a selection of a particular key of the first numeric touchpad that corresponds to the particular key of the second numeric touchpad;

converting the input into an HTML request if the access device does not automatically generate the HTML request from the input; and

~~in response to the received input, transmitting a request~~ the HTML request from
~~the access device to the at least one server for the specified class of information.~~

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13. (Original) A method as recited in claim 12, wherein the display device comprises a video display device.
14. (Currently Amended) A method as recited in claim 13, wherein ~~the act of~~ displaying the interface to the user comprises displaying the keys of the first numeric keypad on the video display device.
15. (Original) A method as recited in claim 14, wherein said access device comprises a pointing device capable of selecting a particular key of the first numeric touchpad.
16. (Currently Amended) A method as recited in claim 12, wherein ~~the act of~~ receiving input in response to a selection of a particular key on the first numeric keypad comprises depressing the particular key on the numeric keypad.
17. (Currently Amended) A method as recited in claim 12, wherein ~~the act of~~ transmitting ~~[[a]] the HTML request from the access device~~ to the at least one server comprises transmitting the HTML request over the network system.
18. (Original) A method as recited in claim 12, wherein the access device comprises a computer system.
- 19-25. (Cancelled)

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26. (New) A system for sending and receiving content from at least one server connected to a network, the system comprising:

a first access device of a first type having an interface that includes a touchpad with a plurality of keys that, when selected by a user, cause the access device to generate a signal;

a voice browser that receives the signal from the access device, the voice browser converting the signal into an HTML request for a specified class of information;

a second access device of a second type, the second access device having an icon group arranged similarly to the touchpad, wherein an icon of the icon group, when selected by the user, causes the second access device to generate the HTML request for the specified classes of information from the at least one server;

an access module that receives the HTML request from at least one of the first access device and the second access device, the access module accessing the specified class of information associated with a particular key or a particular icon selected by the user.

27. (New) A system as defined in claim 26, wherein the second access device is a computer and the icon group is configured to represent the touchpad of the first access device.

28. (New) A system as defined in claim 27, wherein the first access device is a telephone and the signal generated by the access device is a dual tone multi-frequency signal.

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29. (New) A system as defined in claim 26, wherein the second access device further comprises a display for displaying a response from the access module

30. (New) A system as defined in claim 26, wherein the access module returns HTML code to the voice browser in response to the HTML request and the voice browser converts the HTML code into speech with a text to speech module.

31. (New) A system as defined in claim 30, wherein the first access device further comprises an audio output for delivering the speech.

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32. (New) A computer program product for implementing a method of providing one or more access devices with access to specific classes of information stored on at last one server, the computer program product comprising:

a computer-readable medium carrying computer-executable instructions that, when executed at each access device cause the access device to perform the method, the method comprising:

receiving input selecting a particular key of a numeric touchpad of a first access device or from a particular icon of an icon group displayed on a second access device, wherein the icon group is configured to resemble the numeric touchpad;

converting the input from the first access device into an HTML request, wherein input from the second access device is an HTML request; and

transmitting the HTML request to a server for a specific class of information associated with the particular key of the first access device and with the particular icon of the second access device.